

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40853	(detect\$3 or perceiv\$3) same (message or signal or data or traffic) near3 (node or nodes or station or (base adj station))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:06
S2	2553422	(first node) near3 ((second or new) node)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 12:39
S3	841697	(send\$3 or transmi\$4 or receiv\$3) with (message or data or traffic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 12:40
S4	397	(nodes) with (direct\$3 or steeer\$3) near3 (antennas or beams)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 18:26
S9	66	(multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:06
S10	1	nodes with (multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 12:43
S11	22	((base adj station) or terminals) with (multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 15:55
S12	12	"6366791"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 14:36
S13	397	(nodes) with (direct\$3 or steeer\$3) near3 (antennas or beams)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:23
S14	66	(multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 18:26
S15	2	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 20:20

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S16	1	"20020062388"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 20:26
S17	1	"20020176396"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/07 20:25
S18	1	(detect\$3 or determin\$3) same ((base adj station) or terminals or nodes or (new adj (base adj stations))) with (multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 18:05
S19	15	"660626"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 16:08
S20	20	"660626"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 16:08
S22	1	"6654378".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 18:02
S23	1	"6414955".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 18:05
S24	11	("4855713"   "5241542"   "5295154"   "5428636"   "5475687"   "5553076"   "5854994"   "6321270"   "6330671"   "6332165"   "6353817").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 18:24
S26	1	"20040248578"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 18:25
S27	425	(nodes) with (direct\$3 or steee\r\$3) near3 (antennas or beams)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:23
S28	466	(nodes) with (direct\$3 or steer\$3) near3 (antennas or beams)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:23

## EAST Search History

S29	55544	(detect\$3 or perceiv\$3 or monitor\$3) same (message or signal or data or traffic) near3 (node or nodes or station or (base adj station))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:24
S30	120	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:24
S31	84372	(send\$3 or transmit\$4) same (message or data or information) same (nodes or (base adj stations))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:05
S32	96	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 19:59
S33	3662	(detect\$3 or indicat\$3) with (presence) same (node or ((new or second) adj node))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 20:01
S34	7181	(repeat\$4 or again) and (transmit\$4 or send\$3) with (data or information or messages or packets) with (idle or quiescent or quiet)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 20:18
S35	124	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 21:08
S36	3295	nodes with (directional or (multiple adj beams))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 20:20
S37	15	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 21:58
S38	5438981	("13" and "14")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 21:41
S39	1713	(channels) with (detect\$3) near3 (traffic or messages)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:11

## EAST Search History

S40	265	(detect\$3) same ((new or first or second or third) adj nodes) with (traffic or messages)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:10
S41	11445	(send\$3 or transmit\$4) near2 (messages or data) near2 (nodes)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:05
S42	1533	(receiv\$3) same (messages or data or information) near2 ((new or first or second) adj nodes)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:11
S43	13	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:03
S44	9	S39 same S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:29
S45	983	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:03
S46	448	S41 same S42	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:03
S47	1	S44 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:03
S48	1	S44 same S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:03
S49	595	(send\$3 or transmit\$4) near2 (messages or data) with ((idle or quiet or sleep) adj mode)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:09
S50	4	S46 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:06
S51	6	(send\$3 or transmit\$4) near2 (messages or data) with ((idle or quiet or sleep) adj mode) with (respond\$3 or reply\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:09

## EAST Search History

S52	593320	(detect\$3) same ((new or first or second or third) adj nodes) with (traffic or messages) wuth (respond\$3 or reply\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:10
S53	813	S42 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:11
S54	15	S39 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:11
S55	5	"6654378"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:40
S56	1158	(add\$3 or remov\$3) same (nodes or (wireless adj access adj points)) with (communicat\$3 or distribut\$3) near3 (packet or data or messages)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:43
S57	168486	(channels or frequencies) near3 (bands)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:43
S58	87	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:50
S59	119	(self-organiz\$3 or organiz\$3 or adapt\$3) near3 (nodes) with (environment or coverage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:45
S60	44	(self-organiz\$3 or organiz\$3 or adapt\$3) near3 (nodes) with (environment or coverage) and (detect\$3) same nodes	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:48
S61	3	(S56 and S57) and ((directional adj antennas) or (directive adj paths))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 22:51
S62	25979	(add\$3 or remov\$3) same (stations or (base adj stations) or (nodes) or terminals) with (detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:01
S63	107694	(send\$3 or transmit\$4 or receiv\$3) same (message or data or information) same (nodes or (base adj stations))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:05

## EAST Search History

S64	3569	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:05
S65	1	nodes with (multiple adj beams) with diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:06
S67	42950	(detect\$3 or perceiv\$3) same (message or signal or data or traffic) near3 (node or nodes or station or (base adj station))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:06
S68	2236	S64 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:07
S71	230	(channels) near2 list near2 frequencies	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:10
S72	1	S68 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:09
S73	1035	(channels) with list with frequencies	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:10
S74	16	S68 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:10
S76	0	(detect\$3) with (new adj nodes) with (antenna or beams) near3 diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:50
S77	4	(detect\$3) with (new adj nodes) with (antennas or beams)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 16:51
S78	9	(detect\$3) with (new adj nodes) with (send\$3 or transmit\$4) with (messages or SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:03
S79	1	(detect\$3) with (new adj nodes) with (send\$3 or transmit\$4) with (messages or SMS) with (wireless or mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:03

## EAST Search History

S80	1	(detect\$3) with (new adj nodes) with (send\$3 or transmit\$4) with (messages or SMS) same (wireless or mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:07
S81	1	(detect\$3) with (new adj nodes) with (send\$3 or transmit\$4) with (messages or SMS) near3 (wireless or mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:03
S82	87872	(detect\$3) same (messages or SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:07
S83	27161	(detect\$3) same ((wireless adj traffic) or traffic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:08
S84	13	(indicat\$3 or demonstrat\$3) with (presence) same (new adj nodes)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:25
S85	7516	S82 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:11
S86	1	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:12
S87	973	(detect\$3 ) and (nodes) and (presence) and (traffic) and (messages) with wireless	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:13
S88	1	S84 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:13
S89	1	"5584049".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:22
S90	0	(send\$3) with (messages) with (indicat\$3) with (presence) with (new adj node) with ((directional or setori\$3) adj antennas)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:24
S91	0	(send\$3) with (messages) with (indicat\$3) with (presence) with (new adj node) with (directional adj antennas)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:24

## EAST Search History

S92	0	(send\$3) with (messages) with (indicat\$3) with (presence) with (new adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:25
S93	0	(send\$3 or transmit\$3) with (messages) with (indicat\$3) with (presence) with (new adj node)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:25
S94	34062	(send\$3 or transmit\$3) with (messages) with (indicat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:25
S95	13	(indicat\$3 or demonstrat\$3) with (presence) same (new adj nodes)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:26
S96	2	S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/16 17:26